

STUDIES IN THE EUPATORIEAE (ASTERACEAE). CXLV.

A NEW SPECIES OF BARTLETTINA.

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One of the undetermined George B. Hinton specimens at the U.S. National Herbarium proves to be a previously undescribed twentieth species of the largely Mexican and Central American genus Bartlettina. The new species is among the few members of the genus with narrowly elliptical pinnately veined leaves. Two species with similar leaves are B. tuerckheimii (Klatt) K. & R. of Chiapas and northern Central America which differs by the remotely serrate leaf margins, and B. pinabetensis (B.L. Rob.) K. & R. of Chiapas which has corollas without hairs on the lobes and only about 10 flowers per head.

Bartlettina hintonii R.M. King & H. Robinson, sp. nov. Plantae erectae frutescentes usque ad 5 m altae. Caules teretes leniter striati glabri non fistulosi. Folia opposita, petiolis ca. 1 cm longis; laminae anguste ellipticae usque ad 18 cm longae et 4 cm latae base anguste cuneatae margine dense serratae apice anguste acutae vel leniter acuminatae supra et subtus glabrae, nervis pinnatis. Inflorescentiae pyramidaliter paniculatae, ramis dense corymbosis, pedicellis 1-3 mm longis glabris. Capitula 7-8 mm alta; squamae involucri ca. 25 subimbricatae ca. 4-seriatae valde inaequilongae extus sparse puberulae exteriores ovatae 1-3 mm longae acutae interiores oblongae vel lineares ad 5 mm longae obtusae; receptacula hirsuta. Flores ca. 20 in capitulo. Corollae pallide purpureae ca. 4.5-5.0 mm longae anguste infundibulares, lobis 5 aequalateraliter triangularibus extus setiferis et glanduliferis; filamenta antherarum in parte superiore angusta ca. 0.4 mm longa; thecae ca. 1.5 mm longae, appendicibus late oblongis ca. 0.2 mm longis; appendices stylorum anguste lineares dense breviter papillosae. Achaenia ca. 2.5 mm longa glabra; carpodia breviter setae pappi ca. 40 1-2-seriatae ca. 4 mm longae ad apicem non dilatatae, cellulis apicalibus acutis. Grana pollinis 21-23  $\mu$  diam. breviter spinulosa.

Type: MEXICO: Guerrero: Galeana, Piedra Ancha-Tres Cruces, 2500 m, Oak Forest, 5 m high, flower light purple, sweet smelling, 12-25-39. G.B.Hinton et al. 15396 (Holotype, US).

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Bartlettina hintonii R.M.King & H.Robinson,  
Holotype, United States National Herbarium. Photos by  
Victor E. Krantz, Staff Photographer, National Museum  
of Natural History.



Bartlettina hintonii R.M.King & H.Robinson,  
enlargement of heads.